

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



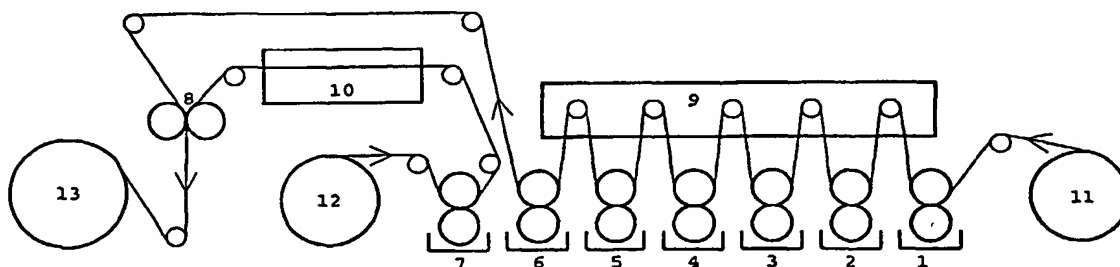
(43) International Publication Date
29 January 2004 (29.01.2004)

PCT

(10) International Publication Number
WO 2004/009872 A3

- (51) International Patent Classification⁷: **C23F 1/02**, B44C 3/00, 1/22, B41M 1/30
- (21) International Application Number: PCT/BE2003/000090
- (22) International Filing Date: 22 May 2003 (22.05.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 02447139.3 22 July 2002 (22.07.2002) EP
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- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
- (88) Date of publication of the international search report: 18 March 2004
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: IN-LINE DEMETALLIZATION PROCESS FOR FLEXIBLE METALLIZED SUBSTRATES



(57) Abstract: The present invention discloses a continuous process for the partial demetallization of a first multilayer substrate, comprising at least one metallic layer 21, characterised in that a designed lacquer comprising at least one metal dissolving etchant 25, locally reacts with said metallic layer 21 and that the dissolved metal remains within said multilayer structure and that the dissolution of the metal allows the creation of a window in said metallic layer without the necessity of a washing step and in that said partial demetallization is suitable to be carried out on standard gravure or flexo printing presses or coating equipment.

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C23F1/02 B44C3/00 B44C1/22 B41M1/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C23F B44C B41M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 647 508 A (GORRELL JOHN H) 7 March 1972 (1972-03-07) cited in the application column 8, line 60 - line 71; claim 1 column 1, line 5 - line 8 column 9, line 5 - line 16 column 8, line 23 - line 28	1, 3, 4, 7-10
Y	---	2
Y	US 5 759 422 A (HABEGER CHARLES C ET AL) 2 June 1998 (1998-06-02) column 5, line 33 - line 35	2
A	---	1, 3-10
A	US 2002/045351 A1 (JO GYOO CHUL) 18 April 2002 (2002-04-18) the whole document ---	1-10
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Patent family members are listed in annex.

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Date of the actual completion of the international search

15 December 2003

Date of mailing of the international search report

23/12/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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